FL SWITCH 1108 REG - Industrial Ethernet Switch

1473643

https://www.phoenixcontact.com/gb/products/1473643

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Unmanaged Switch 1000 REG, 8 RJ45 port 10/100/1000 Mbps, REG design in accordance with DIN 43880

Product description

8-port Ethernet switch for building installation in REG format. Four RJ45 ports both above and below the touch protection cover.

Your advantages

- REG design in accordance with DIN 43880
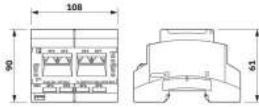- Auto negotiation
- Autocrossing

Commercial data

Item number	1473643
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DNN412
Product key	DNN412
GTIN	4063151884093
Weight per piece (including packing)	275 g
Weight per piece (excluding packing)	196 g
Customs tariff number	85176200
Country of origin	TW

Technical data

Dimensions

Dimensional drawing	
Width	108 mm
Height	90 mm
Depth	62 mm

Notes

General	Support by phone or on-site (fee is charged)

Material specifications

Housing material	PC (polycarbonate)

Mounting

Mounting type	DIN rail mounting

Interfaces

Ethernet

Number of interfaces	8
Connection method	RJ45
Note on the connection method	Auto negotiation and autocrossing
Transmission speed	10/100/1000 Mbps
Transmission physics	Ethernet RJ45
Transmission length	100 m (per segment)
Signal LEDs	LNK/ACT
No. of channels	8 (RJ45 port)

Product properties

Product type	Switch
Product family	Unmanaged Switch 1000 REG
Type	Stand-Alone
MTTF	1432 Years (MIL-HDBK-217F standard, temperature 25°C, operating cycle 100%)
	615.6 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)
	163.3 Years (SN 29500 standard, temperature: 50°C, operating cycle: 100%)
Special properties	REG design in accordance with DIN 43880
Signal delay	Store and Forward mode, 10/100 Mbps, depending on the frame size

Switch functions		
Basic functions	Unmanaged switch	
	Autonegotiation	
	Store and Forward switching mode	
Status and diagnostic indicators	LEDs: US1, Link, and Activity	

Security functions		
Basic functions	Unmanaged switch	
	Autonegotiation	
	Store and Forward switching mode	

Electrical properties

Local diagnostics	US Supply voltage Green LED	
	LNK/ACT Link status/data transmission Green LED	
Maximum power dissipation for nominal condition	4 W	
Test voltage	500 V DC	
Test section	for one minute 500 V DC	
Transmission medium	Copper	

Supply		
Supply voltage (DC)	24 V DC	
Supply voltage (AC)	24 V AC (50/60 Hz)	
Supply voltage range	9 V DC ... 32 V DC	
	12 V AC ... 30 V AC	
Max. current consumption	0.45 A (at U_s = minimum, data transmission 1 Gbps, for AC and DC)	

Connection data

Connection method	Spring-cage connection	
Conductor cross section, rigid	0.2 mm² ... 1.5 mm²	
Conductor cross section, flexible	0.5 mm² ... 1.5 mm²	

Environmental and real-life conditions

Ambient conditions		
Degree of protection	IP20	
Ambient temperature (operation)	5 °C ... 50 °C	
Ambient temperature (storage/transport)	-40 °C ... 70 °C	
Altitude	max. 2000 m	
Permissible humidity (operation)	10 % ... 95 % (non-condensing)	
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)	
Air pressure (operation)	86 hPa ... 108 kPa (1500 m above sea level)	
Air pressure (storage/transport)	66 hPa ... 108 kPa (3500 m above sea level)	

EMC data

Conformance with EMC directives	IEC 62368-1	

System properties

Functionality

Basic functions	Unmanaged switch
	Autonegotiation
	Store and Forward switching mode

Signaling

Status display	LEDs: US1, Link, and Activity

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Drawings

Dimensional drawing
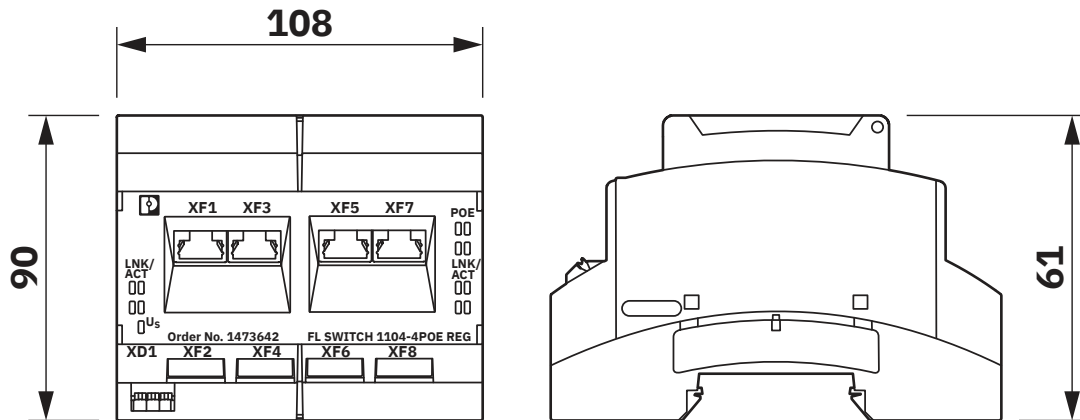
Classifications

ECLASS

ECLASS-11.0	19170402
ECLASS-12.0	19170402
ECLASS-13.0	19170402

ETIM

ETIM 8.0	EC000734

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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Accessories

DT-LAN-CAT.6+ - Surge protection device

2881007

https://www.phoenixcontact.com/gb/products/2881007

Surge protection in accordance with Class E_A (CAT6$_A$), for Gigabit Ethernet (up to 10 Gbps), token ring, FDDI/CDDI, ISDN, and DS1. Suitable for Power over Ethernet (PoE++ / 4PPoE) "Mode A" and "Mode B". RJ45 attachment plug with separate grounding cable and ground connection snap-on foot for NS 35 DIN rails.

FL CAT5 PATCH 0,5 - Patch cable

2832263

https://www.phoenixcontact.com/gb/products/2832263

Patch cable, CAT5, assembled, 0.5 m

FL CAT5 PATCH 1,0 - Patch cable

2832276

https://www.phoenixcontact.com/gb/products/2832276

Patch cable, CAT5, assembled, 1 m

FL CAT5 PATCH 2,0 - Patch cable

2832289

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Patch cable, CAT5, assembled, 2 m

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NBC-R4AC-R4AC-IE8A/.../... - Patch cable

1411854

https://www.phoenixcontact.com/gb/products/1411854

Patch cable, degree of protection: IP20, number of positions: 8, 10 Gbps, $CAT6_A$, cable outlet: straight, Ethernet

NBC-R4AC/10G-R4AC/10G-94F/2,0 - Patch cable

1408360

https://www.phoenixcontact.com/gb/products/1408360

Patch cable, $CAT6_A$, 4-pair, shielded, connection not crossed (line), assembled at both ends with RJ45/IP20 connectors, outer sheath material: PUR, length: 2.0 m

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NBC-R4AC/10G-R4AC/10G-94F/3,0 - Patch cable

1408365

https://www.phoenixcontact.com/gb/products/1408365

Patch cable, $CAT6_A$, 4-pair, shielded, connection not crossed (line), assembled at both ends with RJ45/IP20 connectors, outer sheath material: PUR, length: 3.0 m

FL RJ45 PROTECT CAP - Dust protection

2832991

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Dust protection caps for RJ45 socket

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STEP-PS/ 1AC/24DC/0.5 - Power supply unit

Primary-switched STEP POWER power supply for DIN rail and direct mounting, input: 1-phase, output: 24 V DC/0.5 A

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk